

Converting Colors

XYZ(51.2784, 60.2800, 75.9504)

Have a look what the booklet for
XYZ(51.2784, 60.2800, 75.9504)
contains.

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Color

**XYZ(51.2784, 60.2800,
75.9504)**

Conversions

Conversions Part 1

Format	Color
Hex	A1D5DB
RGB	161, 213, 219
RGB Percent	63%, 84%, 86%
CMY	0.3686, 0.1647, 0.1412
CMYK	0.26, 0.03, 0.00, 0.14
HSL	186°, 45%, 75%
HSV	186°, 26%, 86%
XYZ	51.2784, 60.2800, 75.9504
YIQ	198.1360, -32.9180, -9.1580

Conversions

Conversions Part 2

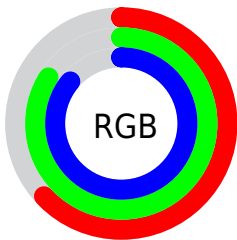
Format	Color
RYB	161, 188, 219
Decimal	10606043
CIELab	81.99, -15.33, -8.42
CIELCh	82, 17.495, 208.785
Yxy	60.2800, 0.2735, 0.3215
Android (android.graphics.Color)	4288796123 (0xFFA1D5DB)
YUV	198.1360, 10.2860, -32.5683
Hunter-Lab	77.6402, -17.9779, -3.6514

Details

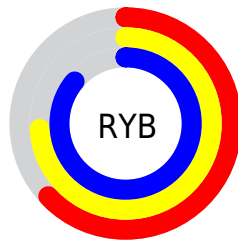
The XYZ color **51.2784, 60.2800, 75.9504** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.4660, 45.2712, 39.8507**, and the grayscale version is **53.7144, 56.5117, 61.5412**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **25.1120, 30.3222, 39.6512** is the 20% darker color. If you saturate the color by 10%, you get **46.6806, 57.0715, 75.5744**, and if you desaturate by 10%, it is **56.6607, 63.9078, 76.3680**.

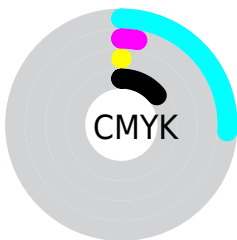
Distribution



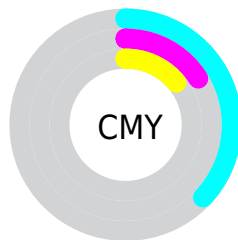
- Red (63%)
- Green (84%)
- Blue (86%)



- Red (63%)
- Yellow (74%)
- Blue (86%)



- Cyan (26%)
- Magenta (3%)
- Yellow (0%)
- Black (14%)



- Cyan (37%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2784, 60.2800, 75.9504 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 51.2784, 60.2800, 75.9504 by changing the saturation by 10% instead.

■ 51.2784, 60.2800,
75.9504

■ 51.2784, 60.2800,
75.9504

382.0143,
425.6291, 500.5202

■ 36.6522, 43.6444,
55.8854

■ 91.2467, 105.2357,
129.4162

■ 25.1107, 30.3910,
39.7077

■ 117.3195,
134.3246, 163.6542

■ 16.2887, 20.1356,
26.9987

147.9385,
168.3334, 203.4535

■ 9.8208, 12.4936,
17.3398

183.4691,
207.6464, 249.2328

■ 5.3417, 7.0808,
10.3125

224.2766,
252.6481, 301.4106

■ 2.4859, 3.5127,
5.4984

270.7264,

■ 0.8882, 1.4049,

303.7228, 360.4054

2.4787

323.1839,
361.2550, 426.6357

■ 0.0000, 0.2203,
0.8289

■ 0.0000, 0.0000,
0.0000

■ 51.2784, 60.2800,
75.9504

■ 51.2784, 60.2800,
75.9504

■ 46.6806, 57.0715,
75.5744

■ 56.6607, 63.9078,
76.3680

■ 42.8216, 54.2541,
75.2340

■ 62.8595, 67.9668,
76.8247

■ 39.6591, 51.8075,
74.9284

■ 69.9117, 72.4777,
77.3237

■ 37.1445, 49.7066,
74.6555

■ 77.8501, 77.4573,
77.8665

■ 35.2228, 47.9228,
74.4125

■ 80.7701, 79.8619,
78.1767

■ 33.8295, 46.4232,
74.1964

■ 81.3840, 81.0897,
78.3813

■ 32.8834, 45.1656,
74.0035

■ 82.0060, 82.3338,
78.5887

■ 32.6065, 44.7547,
73.9388

■ 82.6362, 83.5942,
78.7988

■ 83.2746, 84.8711,
79.0116

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.4672, 60.2800, 65.2033



51.2784, 60.2800, 75.9504



53.6833, 60.2800, 84.6622

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.2784, 60.2800, 75.9504



63.6013, 60.2800, 76.7788



57.4454, 60.2800, 47.2873

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51.2784, 60.2800, 75.9504



49.4660, 45.2712, 39.8507

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.0638, 60.2800, 49.6957



51.2784, 60.2800, 75.9504



64.7110, 60.2800, 66.0680

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.2784, 60.2800, 75.9504



60.7913, 60.2800, 85.1756



63.7633, 60.2800, 56.2980



53.9341, 60.2800, 49.3374

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.2784, 60.2800, 75.9504



55.9208, 60.2800, 87.7351



63.7633, 60.2800, 56.2980



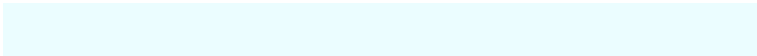
58.6902, 60.2800, 47.5972

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51.2802, 60.2824, 75.9518



87.2697, 94.9956, 108.3441



46.9873, 61.0239, 45.7660



18.3849, 20.1415, 23.1687



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.2802, 60.2824, 75.9518



68.4991, 82.4038, 106.9030



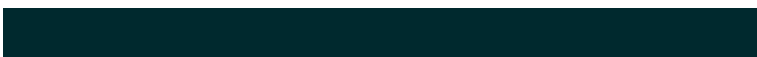
44.6675, 47.0571, 73.7475



13.3238, 14.5874, 16.7656



19.3812, 26.6318, 43.8574



1.2894, 1.7930, 2.8526

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



53.9700, 45.3554, 68.8634



72.9813, 57.9892, 94.9881



55.3425, 57.0242, 41.8095



13.5533, 13.2504, 16.1751



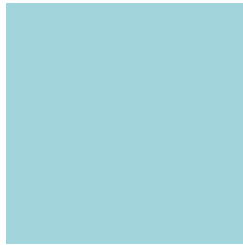
23.2780, 11.3123, 32.1739



1.5251, 0.7397, 2.1743

Previews

White Background



This preview shows how the XYZ color 51.2784, 60.2800, 75.9504 looks on a white background.

Color Contrast Check

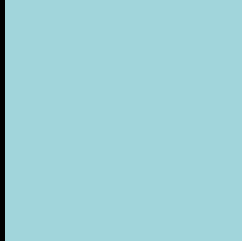
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 51.2784, 60.2800, 75.9504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

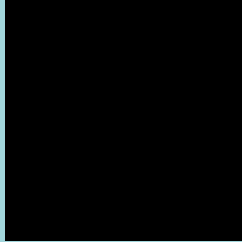
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.2784, 60.2800, 75.9504

Background



This preview shows how black text looks on a background with the XYZ color 51.2784, 60.2800, 75.9504.



This preview shows how white text looks on a background with the XYZ color 51.2784, 60.2800,

75.9504.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51.2784, 60.2800, 75.9504

Protanopia

57.9060, 59.8319, 70.7841

Deuteranopia

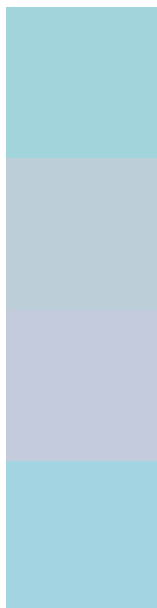
61.1105, 59.9582, 77.4595



Tritanopia

52.6513, 60.4749, 82.2966

Trichromacy



Original Color

51.2784, 60.2800, 75.9504

Protanomaly

55.0761, 59.7403, 72.9182

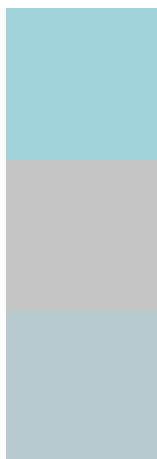
Deuteranomaly

56.9128, 59.5344, 76.8983

Tritanomaly

52.0344, 60.2046, 80.1123

Monochromacy



Original Color

51.2784, 60.2800, 75.9504

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.5041, 57.4824, 66.7205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2784, 60.2800, 75.9504 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(161, 213, 219)` looks like.

```
.text, #text, p{  
    color:rgb(161, 213, 219)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(161, 213, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 213, 219) }
```

Border

The CSS property to change the border of an element to XYZ 51.2784, 60.2800, 75.9504 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 213, 219) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(161, 213, 219) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(161, 213, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 213, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 213, 219);  
box-shadow:4px 4px 4px 4px rgb(161, 213,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2784, 60.2800, 75.9504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 213, 219) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(161,  
213, 219) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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